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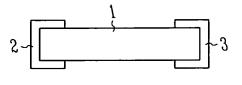


Fig. 1 (Prior Art)

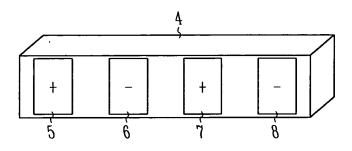


Fig.2 (Prior Art) JAN 0 6 2006 8

TITLE: CAPACITORS HAVING SEPARATE TERMINALS ON THREE OR MORE SIDES (AS AMENDED)

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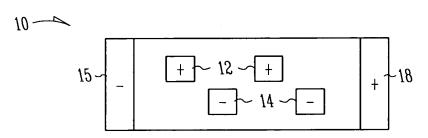


Fig. 3

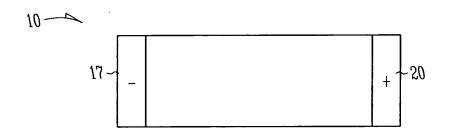
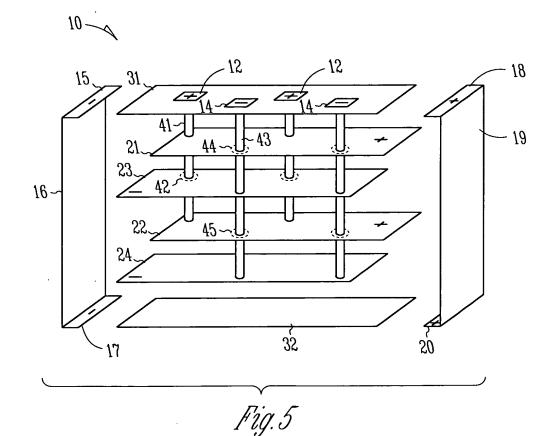


Fig. 4





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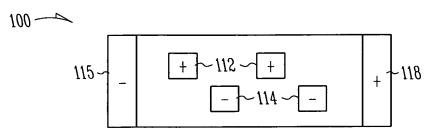


Fig. 6

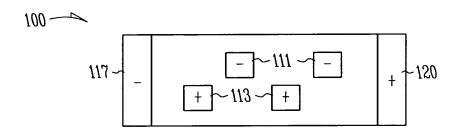


Fig. 7

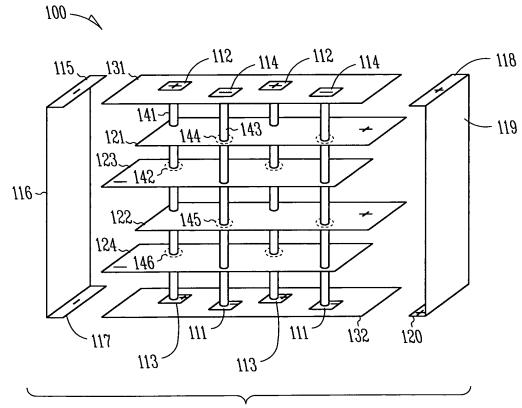


Fig. 8

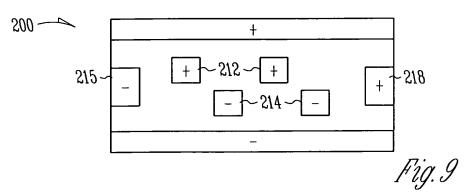


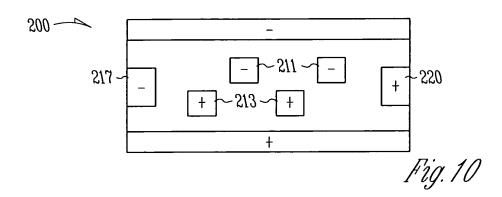
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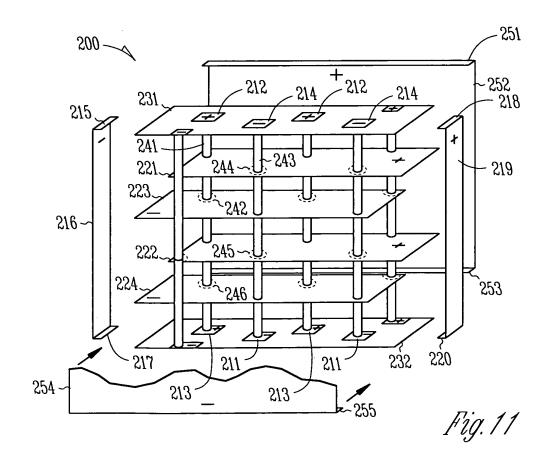
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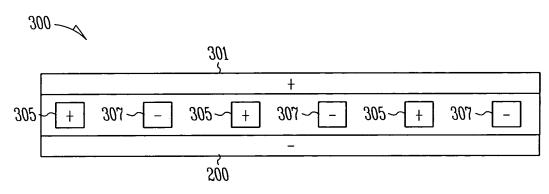


Fig. 12

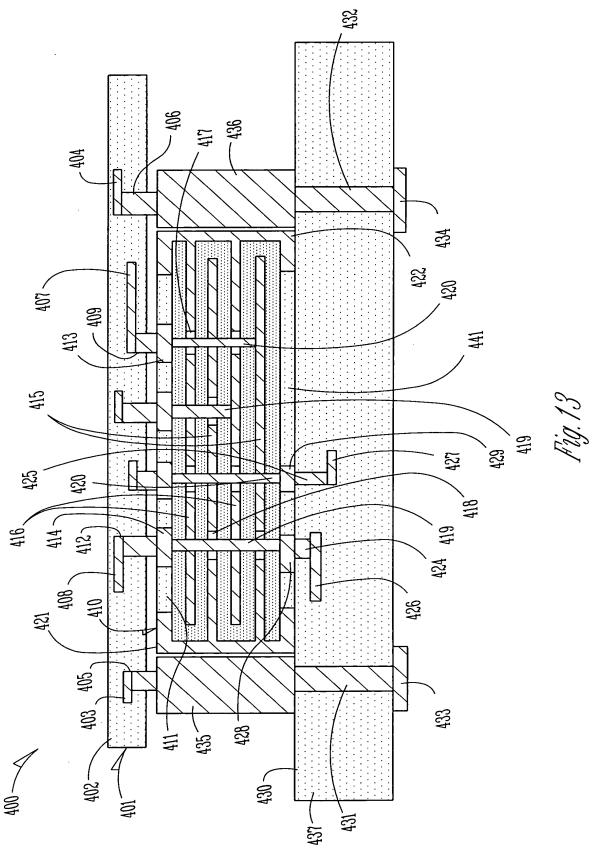


 $\label{eq:linear_linear_linear} \mbox{INVENTOR'S NAME:} \quad \mbox{Yuan-Liang Li, et al.}$

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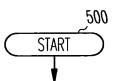
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CONSTRUCT A CAPACITOR HAVING TWO SETS OF CHARGE-STORING ELEMENTS

- EACH SET COMPRISES AT LEAST ONE CHARGE-STORING ELEMENT
- E.G., THE 1ST SET HAS A 1ST CHARGE— STORING ELEMENT TO STORE A CHARGE HAVING A 1ST POLARITY
- E.G., THE 2ND SET HAS A 2ND CHARGE— STORING ELEMENT TO STORE A CHARGE HAVING A 2ND POLARITY
- THE SETS OF CHARGE-STORING ELEMENTS ARE SEPARATED BY A DIELECTRIC MATERIAL



Fig. 14A



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FORM"P" SEPARATE TERMINALS ON AT LEAST 3 OF THE CAPACITOR'S EXTERNAL SIDES

- "M" OF THE SEPARATE TERMINALS ARE COUPLED TO THE 1ST CHARGE-STORING ELEMENT(S)
- "N" OF THE SEPARATE TERMINALS ARE COUPLED TO THE 2ND CHARGE-STORING ELEMENT(S), WHERE M, N, AND P ARE POSITIVE INTEGERS AND P = M+N
- THE CAPACITOR CAN BE MADE IN DIFFERENT EMBODIMENTS, HAVING AT LEAST 3, 4, 5, OR 6 SEPARATE TERMINALS FORMED ON 3, 4, 5, OR 6 DIFFERENT EXTERIOR SIDES, RESPECTIVELY
- THE CAPACITOR CAN HAVE MORE THAN ONE SEPARATE TERMINAL ON EACH OF AT LEAST 3 EXTERIOR SIDES, E.G. 2 SEPARATE TERMINALS ON A 1ST SIDE; 3 SEPARATE TERMINALS ON A 2ND SIDE; 7 SEPARATE TERMINALS ON A 3RD SIDE; ETC.
- THE CAPACITOR HAS A BODY, WHICH MAY HAVE THE GEOMETRICAL SHAPE OF A RECTANGULAR SOLID

505 END

Fig. 14B



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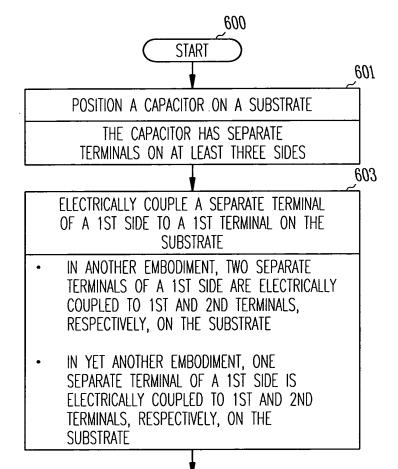


Fig. 15A



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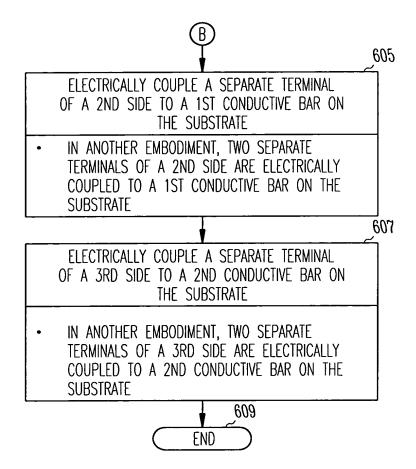


Fig. 15B



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START

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- THE CAPACITOR HAS "P" SEPARATE TERMINALS ON AT LEAST THREE SIDES
- IN SOME EMBODIMENTS, THE CAPACITOR HAS SEPARATE TERMINALS ON 4, 5, OR 6 SIDES
- THE CAPACITOR MAY HAVE MORE THAN ONE SEPARATE TERMINAL PER SIDE
- THE "M" TERMINALS OF THE SUBSTRATE MAY INCLUDE AT LEAST ONE CONDUCTIVE BAR

POSITION AN ELECTRICAL ELEMENT ADJACENT TO THE CAPACITOR

- THE ELECTRIC ELEMENT HAS "N" TERMINALS
- THE "N" TERMINALS OF THE ELECTRICAL ELEMENT MAY INCLUDE AT LEAST ONE CONDUCTIVE BAR

Fig. 16A



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ELECTRICALLY COUPLE THE CAPACITOR'S "P" SEPARATE TERMINALS TO THE "M" AND "N" TERMINALS

- ONE OR MORE SEPARATE TERMINALS OF A 1ST SIDE MAY BE ELECTRICALLY COUPLED TO CORRESPONDING TERMINALS OF THE SUBSTRATE
- ONE OR MORE SEPARATE TERMINALS OF A 2ND SIDE MAY BE ELECTRICALLY COUPLED TO A 1ST CONDUCTIVE BAR ON THE SUBSTRATE
- ONE OR MORE SEPARATE TERMINALS OF A 3RD SIDE MAY BE ELECTRICALLY COUPLED TO A 2ND CONDUCTIVE BAR ON THE SUBSTRATE
- ONE OR MORE SEPARATE TERMINALS OF A 4TH SIDE MAY BE ELECTRICALLY COUPLED TO CORRESPONDING TERMINALS OF THE ELECTRICAL ELEMENT
- ONE OR MORE SEPARATE TERMINALS OF A 5TH SIDE MAY BE ELECTRICALLY COUPLED TO A 1ST CONDUCTIVE BAR ON THE ELECTRICAL ELEMENT



Fig. 16B



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EPARATE TERMINALS (

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- ONE OR MORE SEPARATE TERMINALS OF A 6TH SIDE MAY BE ELECTRICALLY COUPLED TO A 2ND CONDUCTIVE BAR ON THE ELECTRICAL ELEMENT
- IN GENERAL, THE SEPARATE TERMINALS
 CAN BE COUPLED TO CORRESPONDING
 TERMINALS AND/OR CONDUCTIVE BARS ON
 THE SUBSTRATE AND/OR ON THE
 ELECTRICAL ELEMENT IN ANY DESIRED
 COMBINATION

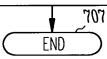


Fig. 16C